DRHK
--Dalen, Information

PRODUCT ANALYSIS REPORT

Product:	Oligo (dT)-Cellulose Type 2
Catalog No:	20002
Lot No:	770-52
Cellulose:	Whatman CF-11, washed with a modification of the procedure of Alberts and Herrick, Methods in Enzymology, Vol XXI, 198, (1971).
Oligo (dT):	Chains of up to 18 nucleotides long, covalently attached via the terminal 5'-phosphate.
Poly (rA) binding:	46.5 OD_{260} per gram
Binding buffer:	0.5 M NaCl, 0.01 M Tris (pH 7.5).
Elution buffer:	0.01 M Tris (pH 7.5).
RNA binding:	93 % [^{3}H]-mRNA from HeLa cells
Binding buffer:	0.5 M NaCl, 0.01 M Tris (pH 7.5) 0.5% SDS, 1mM EDTA
Elution buffer:	0.01 M Tris (pH 7.5), 0.05% SDS, 1mM EDTA
Analyzed by:	David Lemby
Stability:	3-6 Months
Date:	4/11/78

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Oligo(dT)-cellulose
Storage Conditions

1. Oligo(dT)-celluloses are shipped at ambient temperatures. Upon arrival the celluloses should be stored at -20°C. Refrigeration at 4°C is adequate only for short periods of time.

2. Prolonged storage (up to six months) is best at -70°C. Oligo(dT)-celluloses are not guaranteed stable, even at -70°C, for more than six months.

3. After use, the oligo(dT)-cellulose should be washed extensively with eluting buffer to remove all traces of bound material. If the column is to be stored at 4°C for several days, 0.2% sodium azide or chloroform saturated buffer should be passed through the column to stop possible bacterial contamination.

4. Prolonged storage of used cellulose should be at -20°C as a dry solid. After use, the column should be washed first with 0.1N sodium hydroxide, then water, and finally absolute ethanol. It is pumped dry under vacuum overnight. The dry powder can then be sealed in a plastic container and stored at -20°C or -70°C.

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